Changing Entertainment. Again.

HD Monitor User's Guide

Find Inside:

- *Introduction* ..... page 2
- *Connections* ..... page 5
- *Remote* ..... page 15
- *Features* ..... page 21
- *Menu* ..... page 31
- *Troubleshooting* ... page 39

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Important Information

WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.

Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/ program logos, phone numbers, black borders (sides, top and bottom), etc. may cause similar damage. This damage is not covered by your warranty.

Warning: Do not use the Freeze feature for an extended period of time. This can cause the image to be permanently imprinted on the picture tube. Such damage is not covered by your warranty. Press any button to unfreeze the picture at any time.

Important: Make sure the stand, cabinet, or base you use is of adequate size and strength to prevent the HD Monitor from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the HD Monitor. Refer to the Important Safety Instructions on the next page.

Product Registration

Please fill out the product registration card (packed separately) and return it immediately. For US customers: Your RCA Consumer Electronics product may also be registered at www.rca.com/productregistration. Registering this product allows us to contact you if needed.

Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. These numbers are located on the product.

Model No._____

Serial No._____

Purchase Date:_____

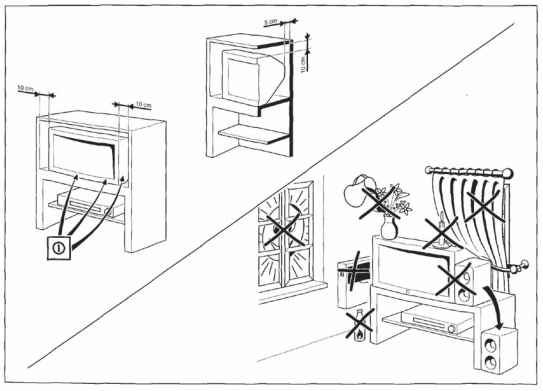
Dealer/Address/Phone: _____

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.

12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time. Even if the power indicator is off, the apparatus is still not fully disconnected from the power source. To disconnect the apparatus completely from the power source, take its power plug out of the wall outlet or power strip. The power plug must be easily accessible.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

To assure adequate ventilation for this product, maintain a spacing of 4 inches from the top and sides of the HD Monitor and 2 inches from the rear of the HD Monitor and other surfaces.



Key Features Overview

Your HD Monitor is equipped with features that will add to your viewing experience. The following information summarizes a few of these features. Chapter 3 provides more information about the rest of your HD Monitor's features and how to use them.

Hi-Pix Picture Enhancement System

The Hi-Pix Picture Enhancement System incorporates two of RCA's most advanced technologies: TruScan Digital Reality™ and the AVR Picture Projection System. The result is the ultimate in true-to-life picture performance that provides the optimum picture resolution from each digital source connected to your HD Monitor (for example, an HD receiver, DVD player, satellite receiver, and/or cable box).

TruScan Digital Reality

Picture performance starts with signal processing. TruScan Digital Reality intelligent signal processing recognizes incoming video signals and progressively converts them to achieve optimum digital picture performance. It enhances the picture quality and makes you feel as if you're close to the real thing. It also recognizes when original film sources have been modified and automatically converts the analog frame rate back to its original format to bring out the detail – a process commonly referred to as reverse 3:2 pulldown.

AVR Picture Projection System

The Accurate Visual Reality high definition picture projection system offers a brighter picture then conventional CRTs (cathode ray tubes). These tubes create brilliant, lifelike fidelity. The AVR 4 lens system is designed to complement the CRTs, providing accurate colors and razor sharp focus everywhere on the screen.

DVI™-HDTV Input

Your HD Monitor lets you connect a device with a DVI (Digital Visual Interface) output. DVI provides an uncompressed, digital video interface developed for high-bandwidth digital connection. It supports the overlay of high-resolution graphics needed by some electronic program guide navigation and other interactive services. DVI, when combined with HDCP (High bandwidth Digital Content Protection) technology, creates a protected digital connection. The DVI-HDTV connection is designed to display either progressive scan (480p) or HDTV (1080i) signals at a bandwidth of up to 1.78 Gigabits per second.

DVI is a trademark of the Digital Display Working Group (DDWG).

Table of Contents

Introduction 2

Key Features Overview 2
- Hi-Pix Picture Enhancement System 2
- TruScan Digital Reality 2
- AVR Picture Projection System 2
- DVI-HDTV Input 2

Chapter 1: Connections & Setup 5

Things to Consider Before You Connect 6
Cables Needed to Connect Devices to Your HD Monitor 6
Choose Your Connection 7
- Best Connection: DVI-HDTV Jacks 8
- Excellent Connection: Component Video Jacks 8
- Very Good Connections: S-Video Jacks 9
- Basic Connections: Composite Video Jacks 9
- Optional Connection: HD Monitor + A/V Receiver 10
- Optional Connections: Front Input Jacks 10

Plug in the HD Monitor 11
Put batteries in the remote 11
How to Use the Remote Control to Complete the Initial Setup 11
Turn on the HD Monitor 11
Complete the Initial Setup 12
- Set the Menu Language 12
- Welcome Screen 12
- Automatic Convergence 12

Back Panel Jacks 13

Chapter 2: Using the Remote Control 15

The Buttons on the Remote Control 16
Front Panel Buttons 17
Programming the Remote to Operate Other Devices 18
- Find Out If You Need to Program the Remote 18
- Programming the Remote 18
  - Using Automatic Code Search 18
  - Using Direct Entry 19

How to Use the Remote After You've Programmed It 19
- Using the INPUT Button 19

Table of Contents

Chapter 3: Using the HD Monitor's Features 21

Channel Banner 22
Autotuning 22
Why You Should Use the Autotuning Feature 22
How to Set Up the Autotuning Feature 23
Parental Controls and V-Chip 24
How V-Chip Works for USA and Canada 24
The V-Chip Rating Screen 25
Age-Based Rating 25
USA Description and Content Themes for Age-Based Ratings 25
Blocking Age-Based Ratings 26
Viewing Age-Based Ratings 26
Blocking Specific Content Themes 26
Viewing Specific Content Themes 27
Canada V-Chip Ratings 27
Canadian English V-Chip Rating System 27
Canadian French V-Chip Rating System 28
Blocking Canadian V-Chip Ratings 28
V-Chip Movie Rating Limit 29
Blocking Movie Ratings 29
Blocking Unrated/Exempt Programs 29
Lock/Unlock Parental Controls 30
Front Panel Block 30

Chapter 4: Using the HD Monitor's Menu System 31

Sound Menu 32
Picture Menu 34
Channel Guide Menu 36
Time Menu 36
Parental Control Menu 36
Setup Menu 37

Chapter 5: Other Information 39

Troubleshooting 40
Care and Cleaning 42
FCC Information 42
RCA HDTV Monitor Limited Warranty 43
Accessory Information 44
Index 45

Chapter 1: Connections & Setup

Chapter Overview:

- **Things to Consider Before You Connect**
- **Choose Your Connection**
- **Connection Instructions**
- **Plug in the HD Monitor**
- **Put Batteries in the Remote**
- **How to Use the Remote Control to Complete the Initial Setup**
- **Turn on the HD Monitor**
- **Complete the Initial Setup**
- **Explanation of Jacks**

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Things to Consider Before You Connect

Protect Against Power Surges

- Connect all devices before you plug any of their power cords into the wall outlet.
- Turn off the HD Monitor and/or device before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safety Instructions on page 1.

Protect Devices from Overheating

- Don't block ventilation holes on any of the devices. Arrange the devices so that air can circulate freely.
- Don't stack devices.
- If you place devices in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other devices.

Position Cables Properly to Avoid Audio Interference

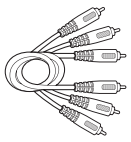
- Insert each cable firmly into the designated jack.
- If you place devices above the HD Monitor, route all cables down the side of the back of the HD Monitor instead of straight down the middle of the HD Monitor.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

Use Indirect Light

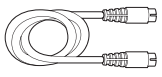
Don't place the HD Monitor where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

Cables Needed to Connect Devices to Your HD Monitor

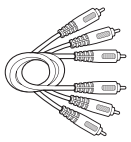
The pictures below show the cables needed for the connections represented in this book. The next page explains the input jacks your HD Monitor offers for connecting devices. Pages 13 and 14 give more information about your HD Monitor's input jacks and output jacks.



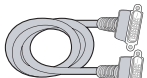
Audio/Video cables



S-Video cable



Component Video (Y•Pb•Pr) cables



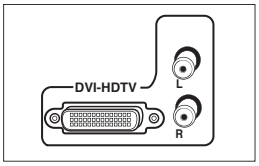
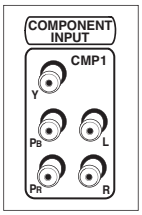
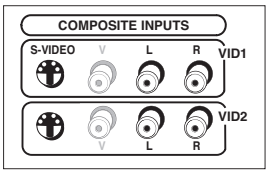
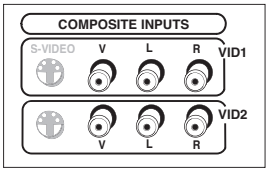
DVI-HDTV Cable

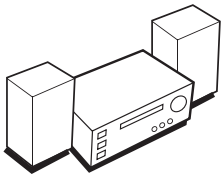
Choose Your Connection

There are several ways to connect your HD Monitor, depending on the devices you want to connect and the quality of the signal you want to achieve. Try to use the best connection offered by the device you want to connect.

Please use the following chart to determine which connection is best for you. Cables may be ordered separately by calling the number on page 44. Proceed to the appropriate page and connect your HD Monitor.

Note for U.S. Customers: *If you prefer, we can provide you with the name of an Authorized Service Representative who will visit your home for a fee to install your electronic entertainment system and to instruct you in its operation. For details about this service, call 1-888-206-3359. For additional assistance while using your RCA product, please visit www.rca.com.*

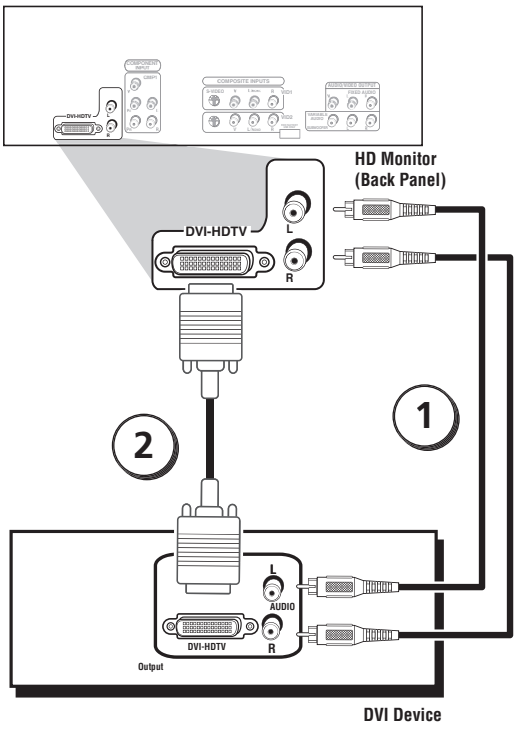
Best Connection: DVI Jacks			
	**Connects to devices such as:** **HD Receivers** **Satellite Receivers** **Cable Boxes**	**Requires:** • **DVI Cable** • **Audio Cables**	**page 8**
Excellent Connection: Component Video Jacks			
	**Connects to devices such as:** **DVD Players** **DVD-PVRs** **DVD Recorders** **Satellite Receivers** **Cable Boxes**	**Requires:** • **Component Video Cables** • **Audio Cables**	**page 8**
Very Good Connections: S-Video Jacks			
	**Connects to devices such as:** **VCRs** **DVD Players** **Satellite Receivers** **Cable Boxes**	**Requires:** • **Audio Cables** • **S-Video Cable**	**page 9**
Basic Connections: Composite Video Jacks			
	**Connects to devices such as:** **VCRs** **DVD Players** **Satellite Receivers** **Cable Boxes**	**Requires:** • **Audio/Video Cables**	**page 9**



Connecting an optional audio receiver:

After you connect your HD Monitor (choose an option above), go to page 10 for general information about connecting an audio/video receiver.

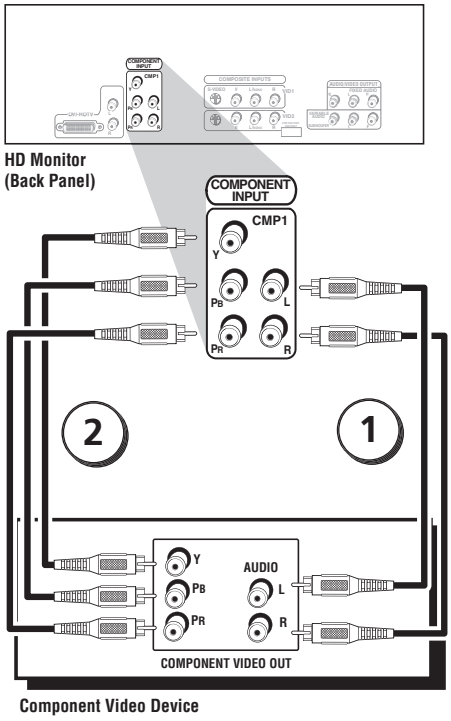
Best Connection: DVI-HDTV Jacks



To connect a DVI Device to your HD Monitor:

1. Connect the audio (white and red) cables to the DVI-HDTV L and R audio jacks on the back of the HD Monitor and to the audio output jacks on the DVI device.
2. Connect the video cable to the DVI-HDTV jack on the back of the HD Monitor and to the DVI jack on the DVI device.

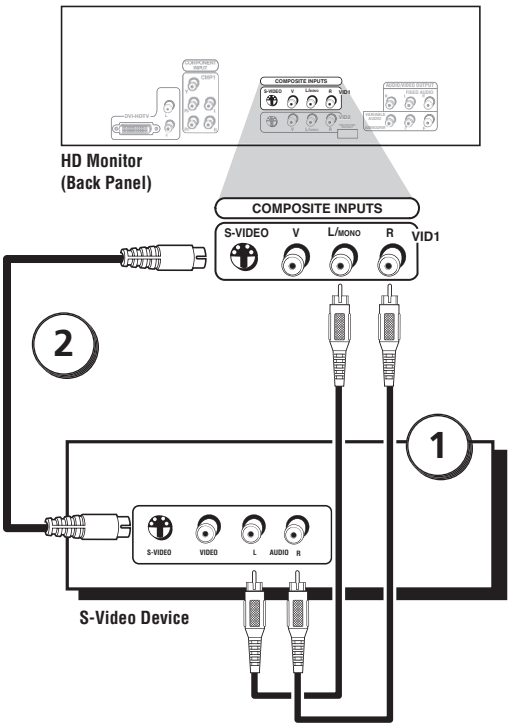
Excellent Connection: Component Video Jacks



To connect a Component Video Device to your HD Monitor:

1. Connect the audio (white and red) cables to the CMP1 L and R audio input jacks on the back of the HD Monitor and to the audio output jacks on the component video device.
2. Connect three video grade cables to the CMP1 Y PB PR jacks on the back of the HD Monitor and to the Y Pb Pr jacks on the component video device.

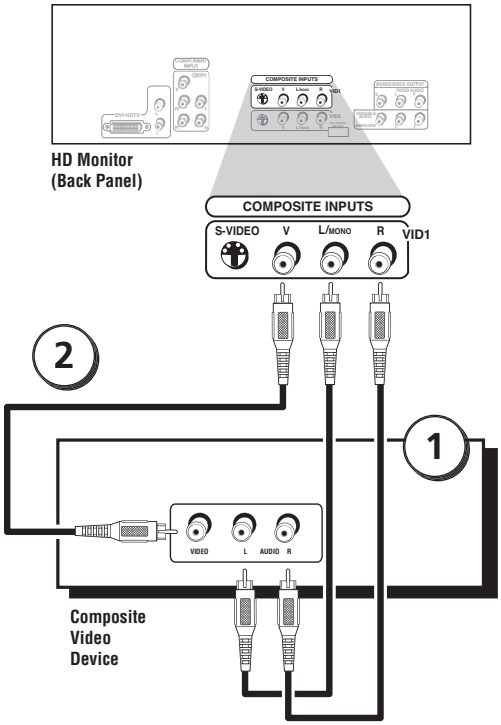
Very Good Connections: S-Video Jacks



To connect a Composite Video Device to your HD Monitor:

1. Connect the audio (white and red) cables to the VID1 L/MONO and R audio jacks on the back of the HD Monitor and to the audio output jacks on the S-Video device.
2. Connect an S-Video cable to the S-VIDEO jack on the HD Monitor and to the S-VIDEO output jack on the S-Video device.

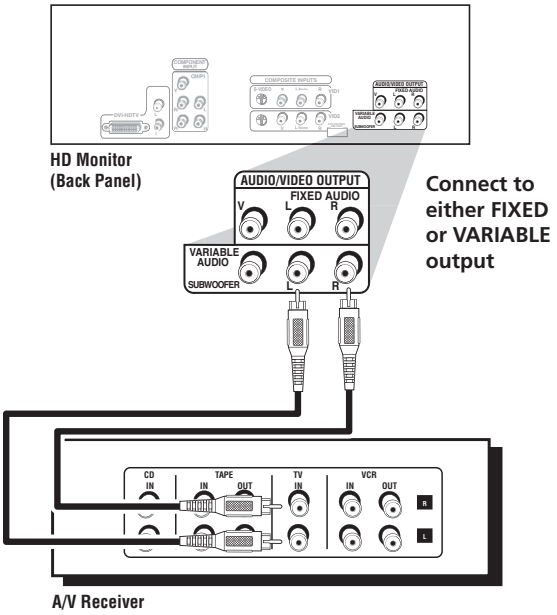
Basic Connections: Composite Video Jacks



To connect a Composite Video Device to your HD Monitor:

1. Connect the audio (white and red) cables to the VID1 L/MONO and R audio jacks on the back of the HD Monitor and to the audio output jacks on the composite video device.
2. Connect the video cable to the VID1 V (Video) jack on the back of the HD Monitor and to the video output jack on the composite video device.

Optional Connection: HD Monitor + A/V Receiver



These are two different ways your HD Monitor uses a device to hear audio.

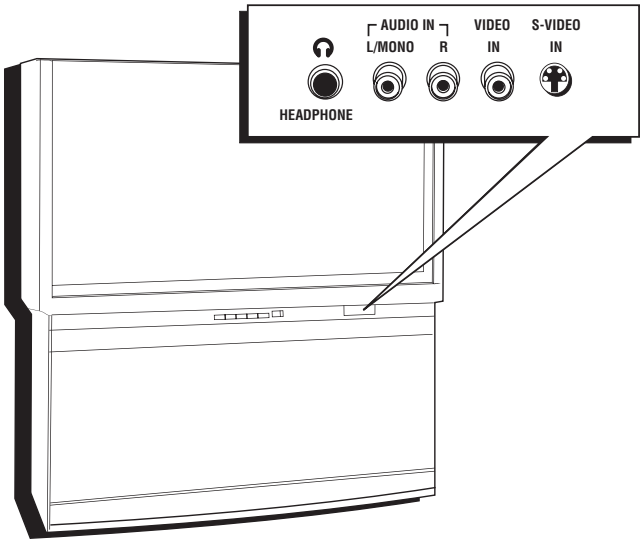
Connect audio cables to either the FIXED or VARIABLE AUDIO L and R OUTPUT jacks and to the audio input jacks on the A/V receiver.

Note: *If you've connected your VCR or other device to the FIXED output jacks on the HD Monitor, use the VARIABLE input jacks for your A/V Receiver.*

- FIXED provides fixed-level audio output from the HD Monitor. This audio output is ideal for connecting to an A/V receiver that has its own volume control.
- VARIABLE provides variable-level audio output. Volume levels can be controlled by the volume controls on the HD Monitor and HD Monitor remote control.

Optional Connections: Front Input Jacks

The HD Monitor has front input jacks for convenience in connecting a camcorder, digital camera, or video game system. Look for a hinged door and press to open the cover. Please note the illustration below is just an example of how these jacks might appear.



PHONES Allows you to connect headphones to listen to the sound coming from the HD Monitor. To adjust volume control of the headphones, press the VOL+ or VOL- button (the volume display appears). Press the arrow up or down button (the headphone volume display appears), then press the right or left arrow button to adjust the headphone volume.

VIDEO (in) Receives video from another device, such as a camcorder, video game console, or VCR.

L/MONO and R AUDIO Receives audio from another device, such as a camcorder, video game console, or VCR.

S-VIDEO (in) Allows you to connect an S-Video cable from another device. Make sure you also connect audio cables from the device to the HD Monitor.

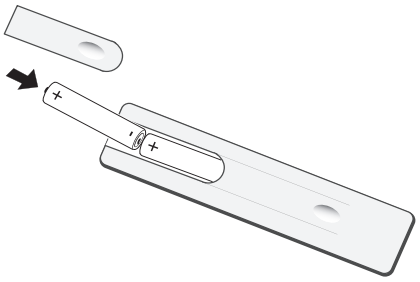
Notes: *The front panel illustration shows a typical front panel layout. The exact look may be different from the one on the front of your HD Monitor.*

If you use the Front Button Block feature, the front panel no longer provides access to the menus. The Front Button Block feature disables all front panel buttons but not the jacks. For more information, see Chapter 3.

When you plug in headphones, the HD Monitor's internal speakers are muted. Use the VOL up or down button to control the volume. When connecting a device that uses a monaural cable, such as some camcorders, use the L/MONO input jack to get sound from both speakers.

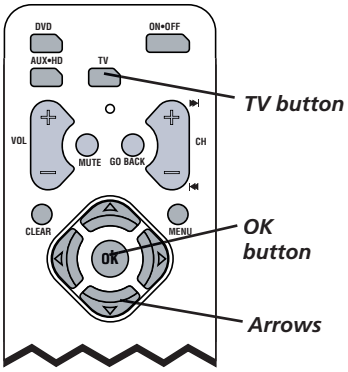
Plug in the HD Monitor

Plug the flat end of the cable into the power jack on the back of the HD Monitor. Then plug the other end of the power cord into an appropriate wall outlet. Be sure to insert the plug completely. Do not plug the HD Monitor into an outlet controlled by a light switch.



Put batteries in the remote

- Remove the battery compartment cover from the back of the remote by pushing the tab and lifting off the cover.
- Insert 2 fresh batteries. Make sure the polarities (+ and -) are aligned correctly.
- Replace the cover.



How to Use the Remote Control to Complete the Initial Setup

The technical term is "Navigation" – how you move through the on-screen menus. The theory is the same throughout the menu screens: highlight your choice and select it.

To highlight a menu item, press the arrow buttons on the remote to highlight one of the items listed on the screen. Use the up or down arrow button to move up or down. Use the right or left arrow button to move right or left.

To select the item that you've highlighted, press OK.

> ***Note:*** *Highlighted means that the menu item stands out from other menu items on the list (appears darker, brighter, or a different color).*

Turn on the HD Monitor

Press TV on the remote, or press the Power button on the HD Monitor's front panel.

> ***Note:*** *Pressing the TV button turns on the HD Monitor and puts the remote into TV mode. "TV mode" means that the buttons on the remote control operate the HD Monitor's functions.*

Tip

To access the setup menus manually, press MENU and choose SETUP.

Complete the Initial Setup

The menu system in your HD Monitor allows the HD Monitor's features to work properly. The first time you turn on your HD Monitor, the setup screens appear.

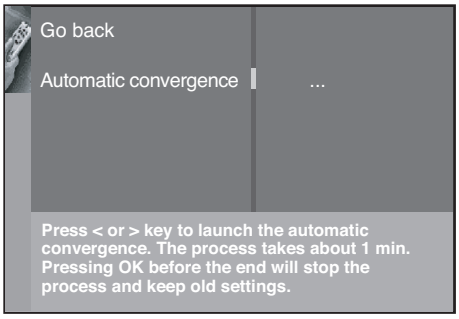
Set the Menu Language

The first part of the setup allows you to select your preferred language for the menu system.

If English is your preferred language, press OK. If you want to choose another language, press the down arrow button until that language is highlighted, and press OK.

Welcome Screen

The next screen welcomes you to your new RCA HD Monitor. Press OK to continue with the setup.



Automatic Convergence

Your HD Monitor's picture tubes might have been disturbed during delivery or after you moved the HD Monitor, causing the color in your HD Monitor to be out of alignment. The colors adjust by starting auto convergence.

IMPORTANT: *Auto convergence works best once the HD Monitor has warmed up for at least an hour. If you've just unpacked your HD Monitor, it's a good idea to repeat the Auto convergence function when the HD Monitor's been running for at least an hour. See page 38 for more information about Auto convergence.*

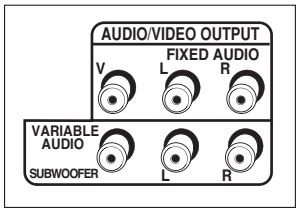
1. Press OK to begin auto convergence.
2. When the auto convergence is complete, the *Red center convergence* menu appears. The cross in the middle of the screen should be yellow. If it is not, use the arrow buttons to move the red cross to overlap the green cross. Press OK when adjustments are complete.
3. The *Blue center convergence* menu appears with a cyan cross in the middle of the screen. If it is not, use the arrow buttons to move the blue cross to overlap the green cross. Press OK.

Note:

If you're using an HD source (such as a separate HDTV tuner or HDTV satellite receiver) on the CMP or DVI input, you should run Auto convergence separately for that input as well. Tune to the input you're using for the HD source, then go to page 38 for information on Auto convergence.

Back Panel Jacks (in alphabetical order)

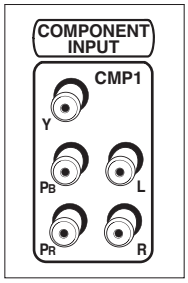
This section describes the back panel jacks you can use for connections. There are several ways to connect devices to your HD Monitor.



AUDIO/VIDEO OUTPUT Lets you connect an amplifier or audio receiver for improved sound quality. You can also connect a VCR or external monitor to the FIXED output jacks.

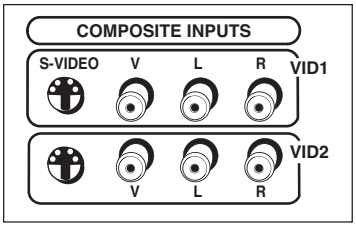
- **V** Provides a standard-definition video output from your HD Monitor. You can use this video output along with the FIXED AUDIO L/R output jacks to connect a VCR for recording programs in standard definition from other input jacks. You can also connect this output jack to an external monitor to watch standard definition programs.
- **FIXED AUDIO L/R** Provides fixed-level audio output from the HD Monitor. You can use these audio output jacks along with the video output to connect a VCR for recording. You can also connect this audio output to an A/V receiver when you want to control the volume through the A/V receiver.
- **VARIABLE AUDIO** Provides variable-level audio output. Volume levels are controlled by the volume controls on the HD Monitor and remote control.
- **SUBWOOFER** Provides lower bass audio frequencies from the HD Monitor to a subwoofer.

  Note: *If you've connected a subwoofer, make sure you set the External Subwoofer option in the Sound menu. Go to page 32 for instructions.*



COMPONENT INPUT Lets you connect a component video source, such as a DVD player.

- **CMP1 Y P_B P_R (Component Video)** Provides optimum picture quality because the video is separated into three signals. Use three video-grade cables for the connection. When using CMP1 Y P_B P_R, make sure to connect left and right audio cables to the CMP1 L and R Audio Input jacks.
- **CMP1 L (Audio)** Provides left audio connection. The left audio connector is usually white.
- **CMP1 R (Audio)** Provides right audio connection. The right audio connector is usually red.

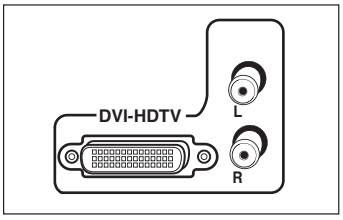


COMPOSITE INPUTS Lets you connect another device such as a VCR or DVD player. Its AUDIO jacks are the same as described for CMP1 above.

- **VID1 S-VIDEO** Provides better picture quality than the video jacks (VID1 and 2 Video) because the color part of the picture is separated from the black and white part of the picture. When using VID1 S-VIDEO, make sure to connect left and right audio cables to the VID1 L/MONO and R Audio Input jacks.
- **VID1 V (Video)** Provides composite video connection. The video connector is usually yellow.
- **VID2 S-VIDEO, V and L/MONO and R Audio** Allows you to connect a device such as a VCR or DVD player. Their description is the same as VID1 above.

  Note: *For each VID jack group (VID1 and VID2), you may connect either an S-Video or Video cable. Do not connect both at the same time in either of the VID jack groups.*

continues on next page...



DVI-HDTV Input Lets you connect a device with a DVI output.

Important: *The DVI-HDTV input is not intended for use with a computer.*

- **DVI (Digital Visual Interface)** Provides an uncompressed, digital video interface developed for high-bandwidth digital connection. It supports the overlay of high-resolution graphics needed by some electronic program guide navigation and other interactive services. DVI, when combined with HDCP (High bandwidth Digital Content Protection) technology, creates a protected digital connection. The DVI-HDTV connection is designed to display either progressive scan (480p) or HDTV (1080i) signals at a bandwidth of up to 1.78 Gigabits per second.
- **L (Audio)** Provides left audio connection when using the DVI jack. The left audio connector is usually white.
- **R (Audio)** Provides right audio connection when using the DVI jack. The right audio connector is usually red.

  Note: *Remember to connect the left and right audio cables because the DVI cable carries only the picture signal, not the sound.*

Chapter 2: Using the Remote Control

Chapter Overview:

- **The Buttons on the Remote Control**
- **Front Panel Buttons**
- **Programming the Remote to Operate Other Components**
- **How To Use the Remote After You've Programmed It**
- **Using the INPUT Button**
- **Remote Code List**

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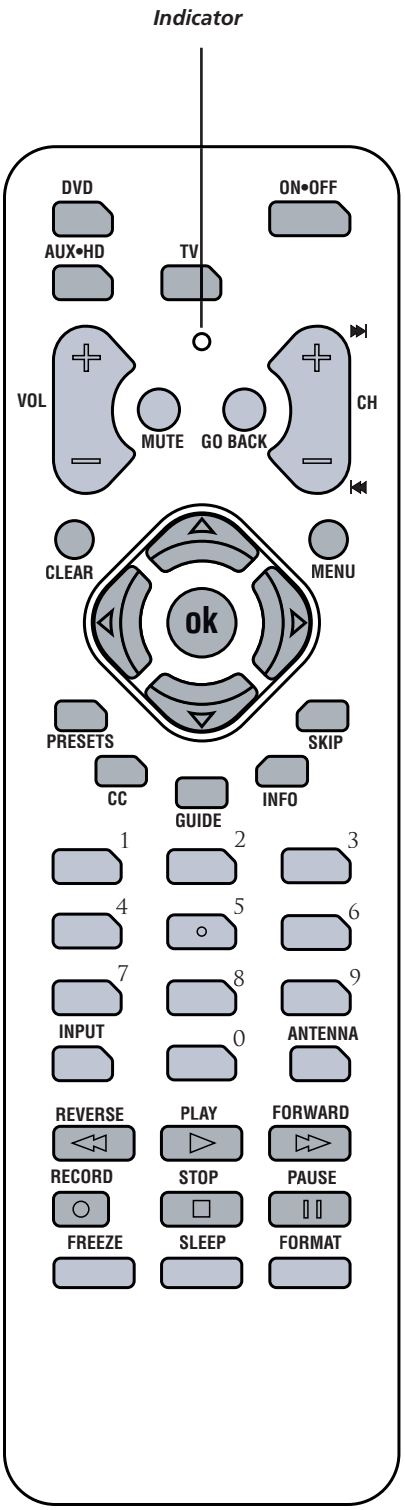


The Buttons on the Remote Control

(0-9) Number Buttons Enter time settings directly with the remote control. The number buttons may also work with other devices if the remote control is programmed to control those devices.

ANTENNA In VCR mode (if programmed), this button works as a TV/VCR button for some VCRs. In SAT mode (if programmed), this button works as a TV/SAT button for some satellite receivers.

Arrows Used to highlight different items in the HD Monitor menu and to adjust the menu controls.

AUX•HD Puts the remote in AUX/HD mode. As a default, this button controls some models of RCA HDTV Tuners. It can also be programmed to operate some brands of other remote-controllable devices.

CC Displays a reduced Closed Captioning menu, allowing you to turn closed captioning on and off or change the closed captioning mode. Use the up and down arrow buttons to highlight the setting you want to change. Use the left and right arrow buttons to change the highlighted setting.

CH + or CH - Scans up or down through the HD Monitor's input list. The CH buttons may also work with other devices if the remote control is programmed to control those devices. In DVD mode (if programmed), these buttons work as chapter advance or chapter reverse buttons with some DVD players.

CLEAR Removes any menu or display from the screen and returns you to normal viewing.

DVD Puts the remote in DVD mode and, if Autotuning is enabled, will turn on the HD Monitor and tune to the correct input channel.

FORMAT Changes the current format (aspect ratio and magnification) of the image on the screen.

FREEZE In TV mode, the FREEZE button freezes the picture on some input signals. Press any button on the remote to resume normal viewing. The FREEZE feature automatically times out after a short time. Please note that when you "unfreeze" you go back to live programming (skipping any programming that occurred during the freeze).

Note: *The FREEZE feature does not work on signals from the DVI-HDTV or CMP1 inputs in progressive scan (480p) or HDTV (1080i) modes.*

Do not use the Freeze feature for an extended period of time. This can cause the image to be permanently imprinted on the picture tube. Such damage is not covered by your warranty. Press any button to unfreeze the picture at any time.

GO BACK Returns you to the previous input channel.

GUIDE Brings up the *Channel Guide* menu.

Indicator Indicates the programming mode when programming the remote to control devices. The indicator lights up when you press a valid button on the remote. It flickers when the remote batteries are low and you press a button.

INFO Brings up channel banner; press again to clear the screen.

INPUT Press to toggle through the available input sources (VID1, VID2, FRNT, CMP1 and DVI).

MENU Brings up the Main menu.

Tip

The indicator flashes when the remote batteries are low and you press a button on the remote.

A warning banner may also appear on the screen when you press a remote button and your batteries are low.

Tip

To turn off all the RCA devices connected to the HD Monitor, press ON•OFF twice within two seconds.

This feature works with most RCA products.

Note:

The DVD and AUX•HD buttons also turn on most RCA products.

MUTE Reduces the HD Monitor's volume to its minimum level. Press again to restore the volume.

OK When in the menu system, selects highlighted items. During normal viewing (without the menu on the screen), freezes the picture until you press any button on the remote to resume normal viewing. Please note that when you "unfreeze" you go back to live programming (skipping any programming that occurred during the freeze).

ON•OFF When in TV mode, turns the HD Monitor on and off. If in another device mode (DVD or AUX•HD) and programmed, will turn the device on and off. When pressed twice within two seconds, the ON•OFF button turns off most RCA devices.

PRESETS Displays the Picture and Sound preset settings. Use the up and down arrow buttons to highlight either Picture or Sound settings. Use the left and right arrow buttons to change to a different Picture or Sound preset.

REVERSE, PLAY, FORWARD, RECORD, STOP, PAUSE If programmed, provides transport control for some remote-controllable VCRs and DVD players.

SLEEP Displays the Sleep Timer. Each press adds an additional 15 minutes.

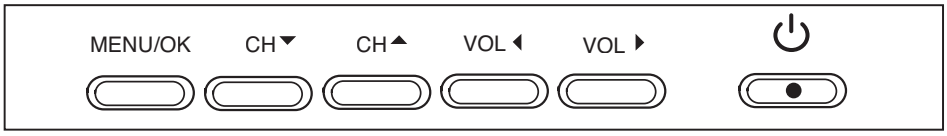
SKIP Press once before changing inputs and the HD Monitor will wait 30 seconds before returning you to the original input. Press repeatedly to add more time.

TV Turns on the HD Monitor and puts the remote in TV mode. Also displays current status.

VOL – or VOL + Decreases or increases the HD Monitor's volume.

Front Panel Buttons

If you cannot locate your remote, you can use the front panel buttons of your HD Monitor to operate many of the HD Monitor's features.



MENU/OK Brings up the Main menu. In the menu system, it selects highlighted items.

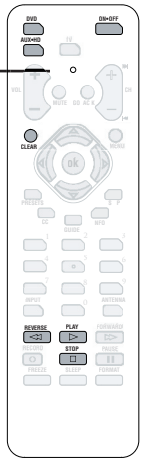
CH ▲ Scans down through the input list. In the menu system, acts like down arrow button on the remote control and adjusts menu controls.

CH ▼ Scans up through the input list. In the menu system, acts like up arrow button on the remote control and adjusts menu controls.

VOL ◀ Decreases the volume. In the menu system, acts like left arrow button on the remote control and adjusts menu controls.

VOL ▶ Increases the volume. In the menu system, acts like right arrow button on the remote control and adjusts menu controls.

POWER Turns the HD Monitor on and off.



You'll use these buttons for the Auto Code Search.

***Important:** The remote may not be compatible with all models of all brands of devices. It also may not operate all functions of the remote that came with your device.*

Programming the Remote to Operate Other Devices

The universal remote can be programmed to operate most brands of remote controllable devices. The remote is already programmed to operate most RCA devices.

Also, the AUX•HD button can be programmed to operate most brands of an additional remote-controllable device (such as a VCR, DVD player, satellite receiver or cable box).

***Note:** The TV button can't be programmed on this remote.*

Find Out If You Need to Program the Remote

To determine whether the universal remote needs to be programmed to operate one of the devices connected to your HD Monitor, such as a DVD player, do the following:

1. Turn on the device (in this example, a DVD player).
2. Point the remote at the device.
3. Press the corresponding device button (in this example, the DVD button).
4. Press ON•OFF to see if the DVD player responds. If the DVD player doesn't respond, you need to program the remote to operate it.

Programming the Remote

There are two ways to program the remote control: automatic code search and direct entry.

Using Automatic Code Search

The following instructions can be used to program the remote to operate each of your devices. If you want to stop the automatic code search without programming any of your devices, press CLEAR until the indicator on the remote turns off.

***Note:** The AUX•HD button on this remote is set by default to search for codes for DVD players only. If you want to program it for use with a different device, use the direct entry method.*

1. Turn on the device you want to operate (VCR, DVD player, etc.)
2. Press and hold the device button you want to program (DVD or AUX•HD). While holding the device button, press and hold ON•OFF until the indicator on the remote turns on, then release both buttons.
3. Point the remote at the device. Keep the remote pointed at the device until the end of this step.

   Press and release PLAY, then wait 5 seconds or until the indicator on the remote stops flashing.

   At this point the remote is searching for the correct code to program. If, after 5 seconds, the device you want to operate does not turn off, press PLAY again to tell the remote to search the next set of codes.

   Continue pressing PLAY until the device turns off or the indicator light on the remote turns off. If the indicator light turns off, then all codes for that particular device have been tested once. If the device does not turn off, then the remote can't be programmed to operate that device.

Tip

To stop the automatic code search without programming any devices, press and hold CLEAR until the indicator on the remote turns off.

If the device you want to control *does* turn off:

1. Press and release REVERSE, then wait 2 seconds. Repeat this step until the device turns back ON.
2. To finish, press and hold STOP until the indicator on the remote turns off. A code that controls your device has been saved to that remote button.

Important

You must continue pressing the device button while you enter the code.

Let's say you have a Zenith DVD player. To program the universal remote to operate the DVD player, you would:

Press and hold the DVD button while you enter the first code listed for Zenith in the DVD Codes column.

Release the DVD button. Press ON•OFF to see if the DVD player responds. If it doesn't, follow the same steps, but enter the second code for Zenith DVD players instead of the first.

Using Direct Entry

1. Turn on the device to be programmed.
2. Look up the brand and code number(s) for the device on the code list in this section.
3. Press and hold the device button you want to program on the remote.
4. Enter the code from the remote control code list on the following pages. If the indicator flashes, you have either entered an invalid code or the button isn't programmable.
5. Release the device button. Point the remote at the device. Keep the remote pointed at the device until the end of this step.

   Press ON•OFF to see if the device responds to the command. If it doesn't, try pressing the device button and then ON•OFF again.

- If you get no response, repeat these steps using the next code listed for your brand, until the device responds to the remote commands.
- If you try all the codes for your device brand and none work, try the automatic code search method. If automatic code search doesn't find the code, the remote is not compatible with your device.

How to Use the Remote After You've Programmed It

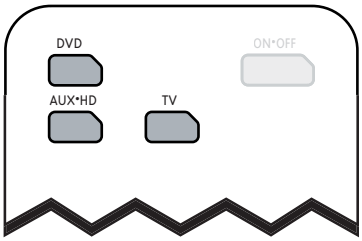
Because this universal remote can control several different devices (HD Monitor, DVD, VCR, satellite receiver, etc.) it uses operational modes triggered by the device buttons. For example, if you want the remote to control the HD Monitor, you would press the TV button to put the remote into TV mode before you could control the HD Monitor.

1. Press the appropriate device button (DVD, AUX•HD. or TV) to set the remote to control the device.
2. Press ON•OFF to turn the device ON or OFF.
3. Use the remote buttons that apply to that device.

   Notes:

   - *The remote may not be compatible with all brands and models of devices. It also may not operate all functions of the remote that came with your device.*
   - *If you keep pressing buttons and nothing happens, the remote is probably in the wrong mode. You must press the device button that matches the device you want to operate (i.e., if you want to operate the DVD player, press DVD on the remote control to put the remote in DVD mode.)*

Device Buttons



Note

Some of the remote's buttons might operate differently for other devices, especially when you're using another device's menu system.

Using the INPUT Button

Use the INPUT button to scroll through the available inputs and view devices you have connected to the HD Monitor.

1. Press TV to place the remote in TV mode. Make sure the device you want to view is turned ON.
2. Press INPUT to tune to an available input channel.
3. To return to the channel you were previously watching on HD Monitor, press CH+ or CH- button.

Remote Codes

VCR Codes

Programmable for the AUX•HD button.

Admiral 2132
Adventura 2026
Aiko 2027
Aiwa 2026
Akai 2003, 2004, 2005, 2007, 2008, 2111, 2112, 2113
American High 2021
Asha 2013
Audio Dynamics 2009, 2010
Audiovox 2014
Bell & Howell 2011
Beaumark 2013
Broksonic 2012, 2025
Calix 2014
Candle 2013, 2014, 2015, 2016, 2017, 2018, 2019
Canon 2021, 2022, 2114
Capehart 2020, 2110
Carver 2062
CCE 2027, 2061
Citizen ... 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2027
Colortyme 2009
Colt 2061
Craig 2013, 2014, 2023, 2061
Curtis-Mathes 2000, 2009, 2013, 2016, 2018, 2021, 2022, 2024, 2115, 2131
Cybernex 2013
Daewoo ... 2015, 2017, 2019, 2025, 2026, 2027, 2028, 2110
Daytron 2110
DBX 2009, 2010
Dimensia 2000, 2131
Dynatech 2026
Electrohome 2014, 2029
Electrophonic 2014
Emerson 2012, 2014, 2015, 2021, 2024, 2025, 2026, 2029, 2030, 2031, 2032, 2033, 2034,2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042,2044, 2045, 2046, 2047, 2065, 2113, 2116, 2117, 2130
Fisher 2011, 2023, 2048, 2049, 2050, 2051, 2052, 2118
Fuji 2021, 2119
Funai 2026
Garrard 2026
GE 2000, 2001, 2013, 2021, 2022, 2053, 2115, 2120, 2131
Goldstar 2009, 2014, 2018, 2054
Gradiente 2026
Harley Davidson 2026
Harman Kardon 2009
Harwood 2061
Headquarter 2011
Hitachi 2055, 2056, 2057, 2107, 2111, 2120, 2122
Hi-Q 2023
Instant Replay 2021
JCL 2021
JC Penney 2009, 2010, 2011, 2013, 2014, 2021, 2022, 2055, 2056, 2058, 2059, 2060, 2107, 2118
Jensen 2055, 2056, 2111
JVC 2009, 2010, 2011, 2018, 2111, 2123
Kenwood 2009, 2010, 2011, 2016, 2018, 2111, 2123
KLH 2061
Kodak 2014, 2021
Lloyd 2026
Logik 2061
LXI 2014
Magnavox 2021, 2022, 2062, 2063, 2104, 2105, 2108, 2124
Magnin 2013
Marantz ... 2009, 2010, 2011, 2016, 2018, 2021, 2062, 2064
Marta 2014
Masushita 2021
Mei 2021
Memorex 2011, 2013, 2014, 2021, 2023, 2026, 2104, 2132
MGA 2029, 2065, 2113
MGN Technology 2013
Midland 2053
Minolta 2055, 2056, 2107
Mitsubishi 2029, 2055, 2056, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2106, 2113, 2123
Montgomery Ward 2075, 2132
Motorola 2021, 2132
MTC 2013, 2126
Multitech 2013, 2016, 2026, 2053, 2061
NEC 2009, 2010, 2011,2016, 2018, 2064, 2076, 2078, 2079, 2111, 2123
Nikko 2014
Noblex 2013
Olympus 2021
Optimus 2014, 2132
Optonica 2096
Panasonic 2021, 2022, 2109, 2125, 2126, 2127
Pentax 2016, 2055, 2056, 2107, 2120
Pentex Research 2018
Philco 2021, 2022, 2062, 2063
Philips 2021, 2062, 2096, 2124
Pilot 2014
Pioneer 2010, 2055, 2080, 2081, 2123
Portland 2016, 2017, 2019, 2110
Proscan 2000, 2001, 2131
Protec 2061
Pulsar 2104
Quarter 2011
Quartz 2011
Quasar 2021, 2022, 2125
RCA 2000, 2001, 2003, 2013, 2021, 2055, 2056, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2107, 2115, 2120, 2125, 2131, 2133
Radioshack/Realistic 2011, 2013, 2014, 2021, 2022, 2023, 2026, 2029, 2049, 2050, 2096, 2132
Radix 2014
Randex 2014
Ricoh 2128
Runco 2104
Samsung 2005, 2013, 2015, 2033, 2053, 2112
Sanky 2104, 2132
Sansui 2010, 2092, 2111, 2123
Sanyo 2011, 2013, 2023
Scott 2012, 2015, 2025, 2032, 2038, 2065, 2093, 2116
Sears 2011, 2014, 2021, 2023, 2048, 2049, 2050, 2051, 2055, 2056, 2107, 2118
Sharp 2017, 2029, 2094, 2095, 2096, 2097, 2132
Shintom 2004, 2056, 2061, 2098
Shogun 2013
Signature 2132
Singer 2021, 2061, 2128
Sony 2004, 2098, 2099, 2119
STS 2021, 2107
Sylvania 2021, 2022, 2026, 2062, 2063, 2065, 2124
Symphonic 2026
Tandy 2011
Tashiko 2014
Tatung 2111
TEAC 2026, 2085, 2111
Technics 2021, 2109
Teknika 2014, 2021, 2026, 2100, 2129
TMK 2013, 2024, 2047
Toshiba 2015, 2049, 2051, 2055, 2065, 2093, 2116
Totevsion 2013, 2014
Unitech 2013
Vector Research 2009, 2010, 2015, 2016
Victor 2010
Video Concepts 2009, 2010, 2015, 2016, 2113
Videosonic 2013
Wards 2013, 2014, 2015, 2021, 2023, 2026, 2029, 2055, 2056, 2061, 2096, 2101, 2102, 2103, 2107, 2116, 2132
XR-1000 ..... 2021, 2026, 2061
Yamaha 2009, 2010, 2011, 2018, 2111
Zenith 2004, 2098, 2104, 2119, 2128

DVD codes

Programmable for the DVD and AUX•HD buttons.

Aiwa 3009
Apex 3023, 3024
GE 3000
Hitachi 3008
JVC 3002, 3010
Konka 3011, 3012
Magnavox 3003
Mitsubishi 3004
Panasonic 3013
Philips 3003, 3019, 3021, 3022
Pioneer 3005
Proscan 3000
RCA 3000, 3001
Samsung 3025
Sanyo 3014
Sony 3006, 3015, 3016
Toshiba 3007, 3017, 3020
Zenith 3018

Cable Box Codes

Programmable for the AUX•HD button.

ABC 5002, 5003, 5004, 5006, 5053
Antronix 5008, 5009
Archer 5008, 5009, 5010
Cabletenna 5008
Cableview 5008
Colour Voice 5012, 5013
Comtronic 5014
Contec 5016
Eastern 5017
GC Electronics 5009
GE 5000, 5001
Gemini 5018, 5019
General Instrument 5003
Hamlin 5020, 5021, 5022, 5028, 5035, 5045
Hitachi 5003
Jerrold 5003, 5018. 5023, 5024, 5046, 5053
Magnavox 5025
Memorex 5026
Movie Time 5027
NEC 5005
NSC 5027
Oak 5016, 5029
Panasonic 5048, 5052
Philips 5011, 5012, 5013, 5015, 5019, 5025, 5030, 5031, 5032
Pioneer 5033, 5034
Proscan 5000, 5001
RCA 5007, 5047, 5049, 5052
Realistic 5009
Regal 5022, 5035
Regency 5017
Rembrandt 5003
Samsung 5034
Scientific Atlanta 5006, 5036, 5037, 5038
Signal 5018
Signature 5003
Sprucer 5052
Standard Components 5039, 5044
Starcom 5018, 5053
Stargate 5018
Starquest 5018
Tocom 5004, 5023
Tusa 5018
TV86 5027
Unika 5008, 5009
United Cable 5053
Universal 5008, 5009, 5010
Viewstar 5025, 5027
Zenith 5050, 5051

Satellite Receiver Codes

Programmable for the AUX•HD button.

Alphastar 5079
Chapparal 5056, 5057
Dishnet 5078
Drake 5058, 5059
Echostar 5089
GE 5000 (SAT1), 5001 (SAT2)
General Instruments 5060, 5061, 5062
Hitachi 5083, 5084
Hughes Network 5077, 5090
JVC 5082
Panasonic 5075
Philips 5085
Primestar 5076
Proscan 5000 (SAT1), 5001 (SAT2)
RCA 5000 (SAT1), 5001 (SAT2), 5071, 5080, 5081
Realistic 5063
Sony 5072
STS1 5064
STS2 5065
STS3 5066
STS4 5067
Toshiba 5068, 5073
Uniden 5069, 5086

HDTV Tuner Codes

Programmable for the AUX•HD button.

RCA 7000

Chapter 3: Using the HD Monitor's Features

Chapter Overview:

- Channel Banner
- Autotuning
- Parental Controls and V-Chip

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Sample channel banner

Channel Banner

There are several indicators that might appear when you press the TV or INFO button on the remote. The list at the bottom of this page describes the items on the Channel Banner screen (left to right and top to bottom).

4/3 format Current screen format. Press the FORMAT button on the remote control to change this setting.

Stereo (or Dual) Current sound type. *Dual* means that the HD Monitor will take both mono and stereo signals.

Parental Controls are locked. See page 30 for information on how to change this setting.

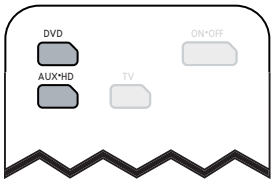
CC Shows that Closed Captioning is available for the current input signal.

03:45 pm Current time.

VID1 Current input. Press the INPUT button on the remote to move to a different input.

Commercial skip 0:30 Shows the time remaining on the commercial skip (SKIP) timer.

Sound is muted. Press the MUTE button to unmute the sound.



Your remote's device buttons

Autotuning

The autotuning feature automatically tunes the HD Monitor to the correct input for different devices you have connected to your HD Monitor (like a VCR, DVD player, etc.) When you set up autotuning in the menu system you don't have to remember to change your HD Monitor to the CMP1 input, for example, when you want to watch a DVD on your DVD player.

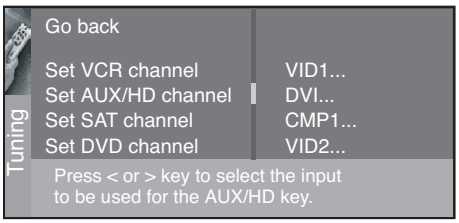
Why You Should Use the Autotuning Feature

Autotuning lets you go directly to the input you assign to a device button. For example, if you have a DVD player connected to the CMP1 input, you can have the autotuning feature go directly to the CMP1 input when you press the DVD button (instead of going through the inputs until you find the DVD signal).

How to Set Up the Autotuning Feature

The way you set up the autotuning feature in the HD Monitor's menu corresponds to the device buttons on the remote and the way you have each device connected to your HD Monitor. When you set up autotuning, you're telling the HD Monitor what input to tune to when you press the DVD or AUX•HD button on the remote control.

1. Press MENU (the MAIN MENU appears).
2. Highlight *Setup* and press OK on your remote control.
3. Highlight *Autotuning* and press OK.



4. Choose which device button you would like to set:

   Set VCR Channel Lets you set up the channel the HD Monitor tunes to when you press the VCR button on a separate universal remote.

   Set AUX/HD Channel Lets you set up the channel the HD Monitor tunes to when you press the AUX•HD button.

   Set SAT Channel Lets you set up the channel the HD Monitor tunes to when you press the SAT button on a separate universal remote.

   Set DVD Channel Lets you set up the channel the HD Monitor tunes to when you press the DVD button.

5. Press the right arrow button to select the choice that matches the way you have the device connected to this HD Monitor, and press OK.

   You can select from the following inputs or channels:
   N/A Choose this if you don't have this particular device connected to the HD Monitor, or if you don't want the HD Monitor to automatically tune to the correct input when you're using this device.

   VID1 or VID2 (Video Input) Device is connected to a VIDEO or S-Video jack on the back of the HD Monitor and you want the HD Monitor to tune to a VID input channel when you press the corresponding device button.

   FRNT (Front Video Input) Device is connected to the VIDEO jack on the front of the HD Monitor and you want the HD Monitor to tune to the front VID input channel (FRNT) when you press the corresponding device button.

   CMP1 (Component Video Input) Compatible component video source, such as a DVD player or digital TV converter box, is connected to the three COMPONENT VIDEO INPUT jacks (Y,P_B,P_R) on the back of the HD Monitor and you want the HD Monitor to tune to the component video input channel (CMP) when you press the corresponding device button.

   DVI Device is connected to the DVI-HDTV jack on the back of the HD Monitor and you want the HD Monitor to tune to the DVI input channel when you press the corresponding device button.

Important Note About Autotuning

The Autotuning feature is configured to work with universal remote controls that are capable of controlling up to four devices in addition to the HD Monitor.

The remote that came with your HD Monitor has only two programmable device buttons—the DVD and AUX•HD buttons.

In the Autotuning menu, use the options "Set DVD Channel" and "Set AUX/HD Channel" with the remote that came with your HD Monitor. The other Autotuning options are for universal remotes with additional device buttons.

Parental Controls and V-Chip

The choices in the *US V-CHIP* and *Canada V-CHIP* menus involve software inside your HD Monitor (referred to as V-Chip) which allows you to block TV programs and movies based on violence, sex, or other content you may believe children should not view.

Once you block programs, you can unblock programs by entering a password.

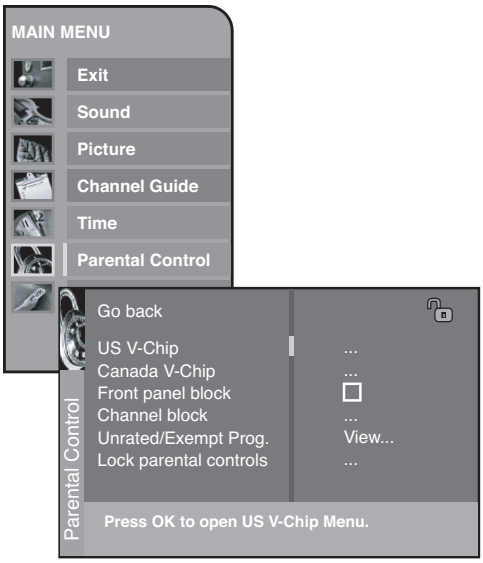
By default, the software inside your HD Monitor is turned "off." For instructions to turn on V-Chip, go to page 30.

Note: *Parental Control settings are not available for the DVI or CMP1 inputs.*

How V-Chip Works for USA and Canada

V-Chip reads the program's age-based rating (TV-MA, TV-14, etc.) and content themes [(Violence (V), Adult Language (L), etc.)]. If you have blocked the rating and/or content themes that the program contains, you will receive the message *This channel has not been approved for viewing. Change channel or press OK to enter password and temporarily deactivate the Parental Control.*

Broadcasters are not required to provide content themes, so programs received with no content themes will only be blocked if you block their age-based rating. You can also block out programs that have been given an *Exempt* rating, and programs that are considered unrated. The next several pages have tables showing the TV age-based ratings and content themes for the US and Canada.



US V-Chip TV Rating Limit

The V-Chip TV Rating Limit lets you decide which TV programs can and cannot be viewed.

To set TV programming limits:

1. Choose *Parental Control* from the MAIN MENU. If Parental Controls have previously been locked, you must enter your password.
2. Highlight and select *US V-Chip*. Then select *V-Chip TV Rating*.
3. Once you get to the *V-Chip TV rating limit* screen, use the arrow buttons and OK on your remote to change the status of a TV program rating or content theme from *View* to *Block*.
4. For TV rating limits to take effect, lock Parental Controls by accessing the *Lock parental controls* menu.

The following sections give you more details about how to change the status of TV program limits.

Note: *If you forget your password, follow step one above to get to the password entry screen. Then press the VOL+ and CH+ buttons on the HD Monitor's front panel at the same time for at least 8 seconds. You will receive an on-screen message that Parental Controls have been unlocked once you've successfully reset the password.*

The V-Chip Rating Screen

The following is an example of where items are located within the Rating Limit screen.

Rating Status Field

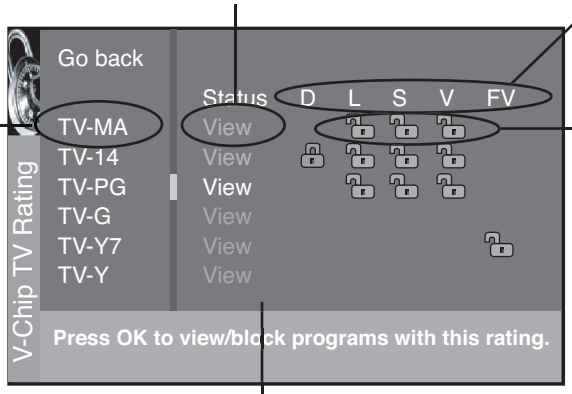
Lets you select whether the status of the age-based rating limit to the left is View or Block.

Content Themes

Lists the content themes you can block or view.

Rating Field

Lets you select from a list of age-based ratings you can block or view.



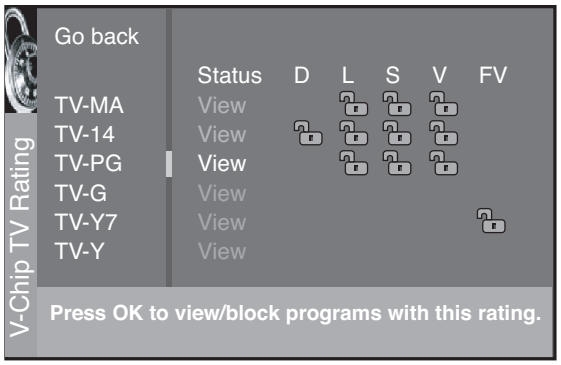
Content Status Fields

Lets you select which content themes to view for the selected rating, and whether the status of the content theme is currently unlocked ( ) or locked ( ).

Rating Settings Area

Lets you see the current block/view state of age-based ratings and associated content. The View ( ) settings are coded in green, and the Block ( ) settings are coded in red.

Age-Based Rating	USA Description and Content Themes for Age-Based Ratings
TV-MA	**Mature Audience Only.** Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: crude indecent language (L), explicit sexual activity (S), or graphic violence (V).
TV-14	**Parents Strongly Cautioned.** Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).
TV-PG	**Parental Guidance Suggested.** Contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).
TV-G	**General Audience.** Most parents would find this program suitable for all ages. It contains little or no sexual dialogue (D) or situations (S), no strong language (L), and little or no violence (V).
TV-Y7	**Directed to Children 7 years and older.** Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild fantasy violence (FV) or comedic violence, or may frighten children under the age of 7.
TV-Y	**All Children.** Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.



Hierarchy of Age-Based Ratings	
TV-MA	*Mature Audience Only*
TV-14	*Parents Strongly Cautioned*
TV-PG	*Parental Guidance Suggested*
TV-G	*General Audience*
TV-Y7	*Directed to Children 7 years and older*
TV-Y	*All Children*

Blocking Age-Based Ratings

You can automatically block all program ratings above a specified age-based rating level.

To block programs with higher ratings:

1. Press the up or down arrow button to scroll to the rating corresponding with the lowest rating you do not want the child to watch.
2. Press the OK button to toggle between *View* and *Block*. The status for the rating listed to the left and all higher ratings automatically changes to *Block* (and 🔒).
3. Use the up/down arrow buttons to highlight *Go back* and press OK.
4. Select *Lock Parental Controls* from the *Parental Control* menu for rating limits to take effect.

Viewing Age-Based Ratings

After you block age-based ratings, you can change some of the ratings back to *View*.

1. Use the up/down arrows to select the rating with a status of *Block*.
2. Press OK to select *View*.

Content Themes	
D	*Sexually explicit dialogue*
L	*Adult language*
S	*Sexual situations*
V	*Violence*
FV	*Fantasy Violence*

Blocking Specific Content Themes

You can block programs based on their content. (Content is represented by the D, L, S, V and FV on your screen.) When you block a content theme for a particular rating, you automatically block that content theme for higher rated programs as well.

To block program content:

1. Determine the content themes you want to block.
2. Press the down arrow button to scroll to the rating whose content theme you want to change.
3. Press the right arrow button to move the yellow highlight to a particular content theme status.
4. Press the OK button to change its status to 🔒. (In the example to the left, you block the language (L) corresponding with TV-14. The language for TV-MA is blocked as well.)

Notes: *Broadcasters are not required to provide content themes or age-based ratings.*

You must remember to lock Parental Controls for rating limits to take effect.

Tip

To change all V-Chip movie or TV ratings to View, press the 0 number button.

Viewing Specific Content Themes

If you block specific content themes, you have the option of going back and changing some of the them back to *(🔓) View*:

1. Determine the content themes you want to change to *(🔓) View*.
2. Press the down arrow button to scroll to the rating whose content theme you want to change, such as 🔒 under language (L) corresponding with TV-14.
3. Press the right arrow button to move the yellow highlight to a particular content theme status.
4. Press the OK button to change the status back to 🔓. Your child would then be able to watch programs with the TV-14 adult language content, but not programs with TV-MA language content.

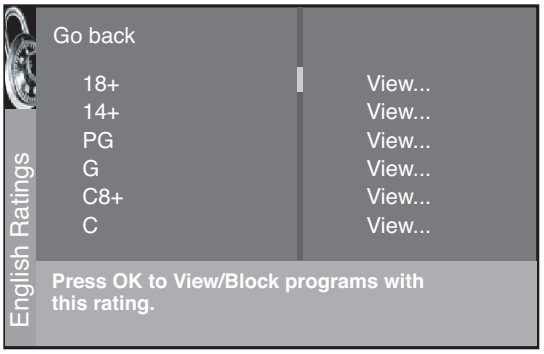
Note: *Only the content theme status corresponding to TV-14 (L) language changes to (V) View. Higher rated content themes, such as that for TV-MA language, do not change.*

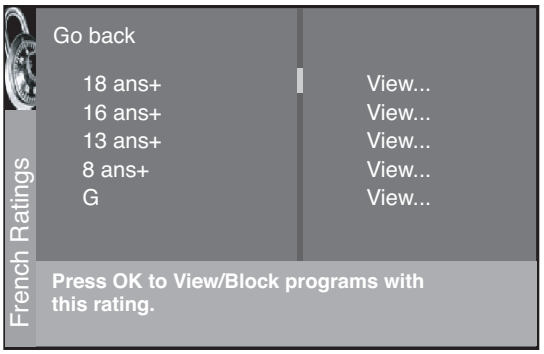
Canada V-Chip Ratings

Canadian TV V-Chip supports two different Canadian rating systems: English and French.

Rating	Canadian English V-Chip Rating System
18+	**Adults.** Programming intended for adults 18 and older. It may contain elements of violence, language, and sexual content which could make it unsuitable for viewers under 18. Violence Guidelines: May contain violence integral to the development of the plot, character or theme, intended for adult audiences. Other Content Guidelines: May contain graphic language and explicit portrayals of nudity and/or sex.
14+	**Viewers 14 and over.** Programming contains themes or content which may not be suitable for viewers under the age of 14. Parents are strongly cautioned to exercise discretion in permitting viewing by pre-teens and early teens. Violence Guidelines: May contain intense scenes of violence. Could deal with mature themes and societal issues in a realistic fashion. Other Content Guidelines: May contain scenes of nudity and/or sexual activity. There could be frequent use of profanity.
PG	**Parental Guidance.** Programming intended for a general audience but which may not be suitable for younger children (under the age of 8). Parents may consider some content inappropriate for unsupervised viewing by children aged 8-13. Violence Guidelines: Depictions of conflict and/or aggression will be limited and moderate; may include physical, fantasy, or supernatural violence. Other Content Guidelines: May contain infrequent mild profanity, or mildly suggestive language. Could also contain brief scenes of nudity.
G	**General Audience.** Programming considered acceptable for all ages groups. While not designed specifically for children, it is understood younger viewers may be part of the audience. Violence Guidelines: Will contain very little violence, either physical or verbal or emotional. Will be sensitive to themes which could frighten a younger child, will not depict realistic scenes of violence which minimize or gloss over the effects of violent acts. Other Content Guidelines: There may be some inoffensive slang, no profanity and no nudity.
C8+	**Children 8 and older.** Programming generally considered acceptable for children 8 years and over to watch on their own. Violence Guidelines: Violence will not be portrayed as the preferred, acceptable, or only way to resolve conflict or encourage children to imitate dangerous acts which they may see on television. Any realistic depictions of violence will be infrequent, discreet, of low intensity and will show the consequences of the acts. Other Content Guidelines: There will be no profanity, nudity or sexual content.
C	**Children.** Programming intended for children under age 8. Violence Guidelines: Careful attention is paid to themes which could threaten children's sense of security and well being. There will be no realistic scenes of violence. Depictions of aggressive behavior will be infrequent and limited to portrayals that are clearly imaginary, comedic or unrealistic in nature. Other Content Guidelines: There will be no offensive language, nudity or sexual content.

Rating	Canadian French V-Chip Rating System
18 ans +	**Adults.** Programming is for adults only. This program contains sustained violence or extremely violent scenes.
16 ans +	**Viewers 16 and over.** Programming is not suitable for those under age 16. This program contains frequent scenes of violence or intensely violent scenes.
13 ans +	**Viewers 13 and over.** Programming may not be suitable for children under the age of 13. This program either contains several violent scenes or one or more scenes that are violent enough to affect them. Viewing in the company of an adult is therefore strongly recommended for children under the age of 13.
8 ans +	**Viewers 8 and over.** Not recommended for young children. This program is suitable for most audiences, but it contains mild or occasional violence that could upset young children. Viewing in the company of an adult is therefore recommended for young children (under the age of 8) who do not distinguish between reality and imagination. Programming generally considered acceptable for children 8 years and over to watch on their own. Violence Guidelines: Violence will not be portrayed as the preferred, acceptable, or only way to resolve conflict or encourage children to imitate dangerous acts which they may see on television. Any realistic depictions of violence will be infrequent, discreet, of low intensity and will show the consequences of the acts. Other Content Guidelines: There will be no profanity, nudity or sexual content.
G	**General Audience.** This program is suitable for audiences of all ages. It contains no violence, or any violence that it does contain is either minimal or is presented in a humorous manner, as a caricature, or in an unrealistic way.



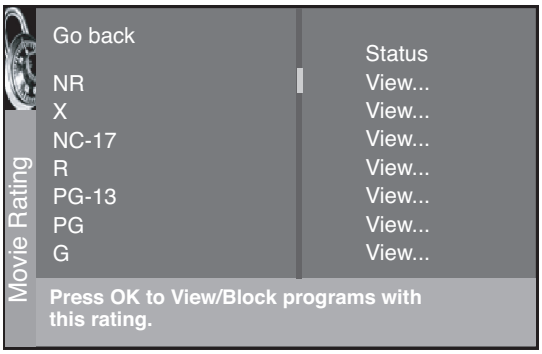


Blocking Canadian V-Chip Ratings

If you receive Canadian programs you can block Canadian English and French V-Chip by ratings only. When you block a particular rating, you automatically block the higher rated programs as well.

To block Canadian English and French program ratings:

1. Select *Canada V-Chip* from the *Parental Control* menu.
2. Highlight *English ratings* or *French ratings* and press OK.
3. Determine the rating you want to block.
4. Press the down arrow button to scroll to the rating you want to change.
5. Press the OK button to change its status to block (the lock icon appears and all ratings above the one you selected change to lock).



V-Chip Movie Rating Limit

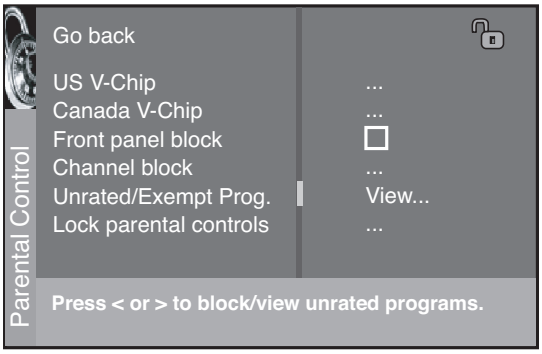
Set movie rating limits by blocking movies rated above a specified level.

To access the Movie Rating Limit menu:

1. Press MENU on the remote control (the HD Monitor's *MAIN MENU* appears).
2. Select *Parental Control*.
3. Select *US V-Chip*.
4. Select *V-Chip movie rating*.

Blocking Movie Ratings

Once you are in the Movie Ratings menu, follow the same steps described for blocking TV ratings.



Blocking Unrated/Exempt Programs

The *Unrated/Exempt Prog.* option lets you decide if programs that the V-Chip recognizes as unrated can be viewed. Unrated TV programs may include news, sports, political, religious, local and weather programs, emergency bulletins, public announcements, and programs without ratings. The Exempt option applies to both USA and Canadian unrated programs and Canadian programs rated *E*.

View All unrated programs are available.
Block All unrated programs are not available.

Note: *You must remember to activate V-Chip for rating limits to take effect.*

Press the down arrow to highlight *Unrated/Exempt Prog.* Then press the right arrow to toggle between *View* and *Block*.

Lock/Unlock Parental Controls

Selecting this option lets you lock and unlock parental controls settings using a password.

If you do not lock parental controls, none of the settings for V-Chip, Channel Block, or Front Panel Block will take effect.

If you forget your password, press the MENU button, then select *Parental Control* (the password entry screen appears). Simultaneously press and hold CH+ and VOL+ on the front panel for 8 seconds. Parental Controls unlock and the *Parental Control* menu appears. You can enter a new password by locking the Parental Controls again.

Front Panel Block

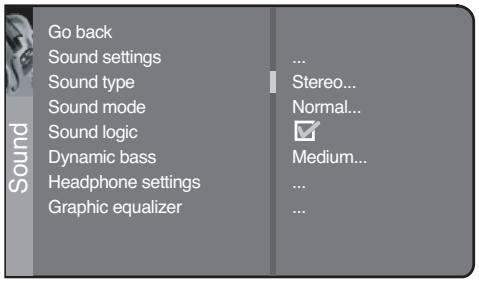
Selecting this option lets you block (disable) or unblock (enable) the HD Monitor's front panel. The remote still tunes to any channel. When using this as a Parental Control method, remove access to any remote that is capable of operating the television while you have the front panel blocked.

Don't forget to lock parental controls after you change the status. If you don't, the front panel block will not take effect.

Chapter 4: Using the Menu System

Chapter Overview:

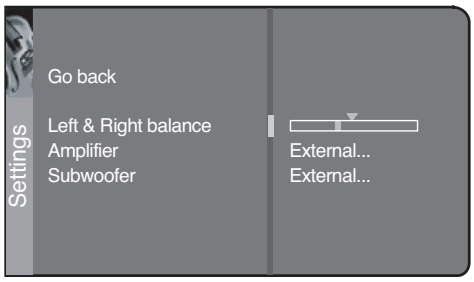
- Sound Menu
- Picture Menu
- Channel Guide Menu
- Time Menu
- Parental Control Menu
- Setup Menu



Sound Menu

The Sound menu lets you adjust audio output. To access the Sound menu, press MENU on the remote, and then select *Sound* from the main menu.

This section describes the items available in the Sound menu.



Sound settings The *Sound settings* submenu contains the following items:

Left & Right balance Use the left or right arrow button to center the bar under the arrow to balance the left and right speakers.

Amplifier Use the left or right arrow button to select *External* (if your HD Monitor is using external amplifier only) or *Internal* (if your HD Monitor is using the speakers in the HD Monitor).

Subwoofer Set the HD Monitor's subwoofer to *External*, if the HD Monitor is using an external subwoofer; or *None*.

Sound type Press the right arrow button to scroll through the available audio types, which control the way the sound comes through your speakers. The options available vary according to the input selected.

Stereo Splits the incoming stereo audio signal into left and right channels. Most TV programs and recorded materials have stereo audio. The word *Stereo* appears in the channel banner when you tune to a program that is broadcast in stereo.

Left and *Right* Isolates either the left or right channel of the incoming audio.

Sound Mode Press the right arrow button to scroll through the available audio modes, which provide special processing through your speakers (depending on the setting you chose as your *Sound type*).

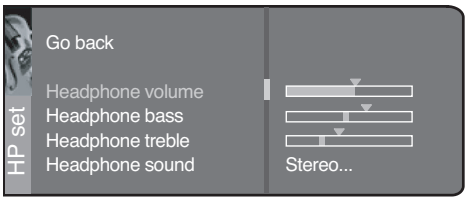
Normal Does not give any special processing, simply provides the mono or stereo sound provided by the signal you're watching.

Wide Available only for mono signals. "Widens" sound from mono broadcasts and mono devices connected to your HD Monitor for a fuller, more spacious sound.

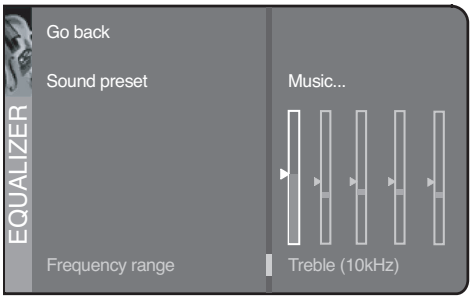
Magic Available only for stereo signals. Gives a surround effect with more bass.

Sound logic Reduces the annoying blasts in volume during commercial breaks, and also amplifies softer sounds in program material. Eliminates the need to constantly adjust the volume.

Dynamic bass Enhances your HD Monitor's low-frequency response. The options are *Off*, *Medium* and *High*.



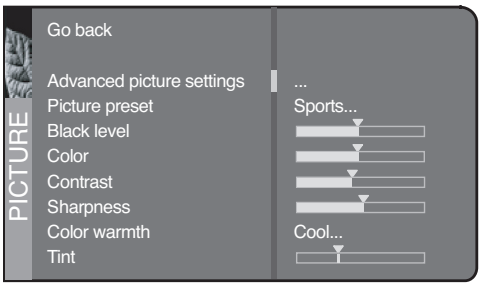
Headphone settings Displays a choice list of available settings you can adjust: *Volume*, *Bass* and *Treble*. The *Headphone sound* option allows you to choose stereo, mono or automatic. These descriptions are the same as for *Sound Type* (see the previous page).

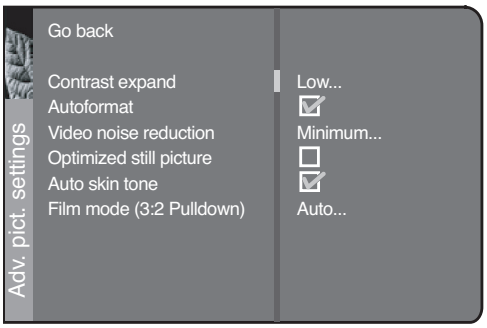


Graphic equalizer Allows you to choose a specific preset through the Sound Preset option. Press the right arrow to cycle through the options: *Standard*, *Movie*, *Voice*, *Music*, *Flat*, *Videogame*, *Video camera* and *Personal*.

The Frequency range displays the different treble and bass bands set for each Sound Preset option. You can choose a band and make adjustments. When you make adjustments, the Sound Preset option automatically changes to Personal. Press the left or right arrow button to select the frequency (Bass 100Hz, Mid Bass 500Hz, Medium 1.5kHz, Mid Treble 5kHz, Treble 10kHz) you want to adjust. Then use the up or down arrow button to adjust the level.

To view the frequency range of another *Sound Preset* option, press the right or left arrow until no band is selected and *Frequency range* is highlighted. Then press the up arrow to highlight *Sound Preset*.





Tip:

If the picture is switching between screen formats abruptly, switch the Autoformat feature off.

Picture Menu

The *Picture* menu contains menus and controls to configure the following video settings: *Advanced picture settings, Picture presets, Black level*, *Color, Contrast*, *Sharpness*, *Color Warmth*, and *Tint*. The *Picture* menu options apply to the video for the main HD Monitor and video input selections.

Advanced picture settings

Contrast expand You can adjust the contrast of the picture to suit the light of the room. Press the right arrow button to choose which of the following best describes the lighting in the room: *Low*, *Medium* or *High*.

Autoformat When enabled (box checked) the HD Monitor automatically detects the screen format of the incoming signal. By default, Autoformat is disabled (turned off).

Video noise reduction Reduce picture "static" or any type of interference. This feature is especially useful for providing a clearer picture in weak analog signal conditions. Press the right arrow button to choose between: *Off* for no noise reduction; *Minimum* for a softer, smoother picture that retains picture sharpness and detail; *Medium* for a slightly softer picture than the *Minimum* setting; *Maximum* for an even softer, smoother picture than the other settings (the picture detail is somewhat decreased).

Optimized still picture When enabled (box checked), enhances the picture specifically for still frames (for example, if you're watching a slideshow on your HD Monitor, or if you've paused a frame of a DVD).

Auto Skin Tone When enabled (box checked), minimizes the flesh tone variations of the HD Monitor picture.

Film mode (3:2 Pulldown) Automatically detects video sources that were originally recorded on film (like most movies) and subsequently converted to a different format (for TV broadcast, for example). Film mode processes the converted signal so that it looks as close as possible to the original. Another name for this process is reverse 3:2 pulldown.

Advanced (recommended) enables the feature only when the HD Monitor detects that movie playback quality could be improved. *Advanced* is the default setting.

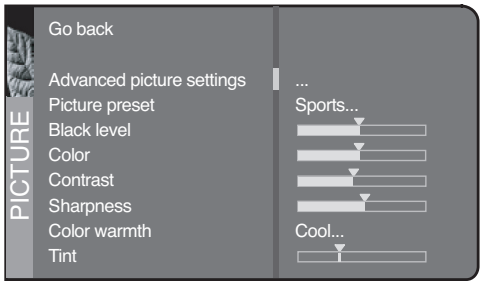
The *On* setting should only be used in rare circumstances when the HD Monitor is used solely with film-based sources (like DVDs on a non-progressive-scan player).

The *Off* setting turns off film mode upconversion. Try using this setting if you think the reverse 3:2 pulldown is causing distortions in your picture.

Note: *Autoformat and Video noise reduction are available for the CMP1 input only if the signal is 480i.*

Picture preset Displays a choice list that lets you select one of the preset picture settings: *Vibrant*, *Cinematic*, *Natural*, *Sports*, *Videogame*, *Video Camera* or *Personal*. Choose the setting that is best for your viewing environment. You can set a different picture preset for each input.

Continues on next page...



Tip:

You can select a different picture preset (or set up a different personal preset) for each input.

Black Level Adjusts the brightness of the picture.

Color Adjusts the richness of the color.

Contrast Adjusts the difference between the light and dark areas of the picture.

Sharpness Adjusts the crispness of the edges in the picture.

> ***Note:*** *You can adjust sharpness for each input. This is useful if the signal appears fuzzy.*

Color Warmth Displays a choice list that lets you set one of three automatic color adjustments: *Cool* for a more blue palette of picture colors; *Normal*; or *Warm* for a more red palette of picture colors. The warm setting corresponds to the NTSC standard of 6500 K.

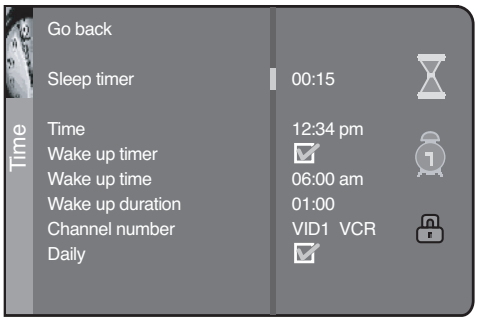
Tint Adjusts the balance between the red and green levels.

When you change any of these picture settings, the *Picture Preset* changes to *Personal*. Use the left or right arrow button to make adjustments. To return to the *Picture* menu, press the up or down arrow button.

Channel Guide Menu

The Channel Guide lets you view the entire list of inputs and labels. Press the GUIDE button to bring up the Channel Guide menu.

Use the up or down arrow button in the channel guide to scroll through the list. Use the left and right arrow buttons to move through the guide by "page" (each full screen of channels in the guide is a "page"). Press OK to select and tune to the highlighted input source. Press the CLEAR button to remove the Channel Guide from the screen without changing inputs.



Time Menu

Sleep Timer Lets you set the HD Monitor to turn off after a given amount of time.

Time Lets you enter the current time. If it is eight o'clock, for example, you must first enter the number zero, then number eight. Use the OK button to choose between AM and PM.

Wake up timer Lets you set the HD Monitor to turn itself on. When you turn on Wake up timer, the following options appear:

Wake up time Lets you set the time you want the HD Monitor to turn itself on.

Wake up duration Lets you set how long you want the HD Monitor to stay on when it turns on.

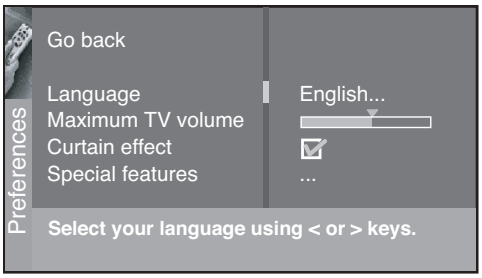
Channel number Lets you select a specific input the HD Monitor tunes to when the wake up timer is set.

Daily Lets you choose if you want the wake up timer to turn on daily.

Note: *The Wake up timer is available only when the time has been set.*

Parental Control Menu

The Parental Control Menu was explained in Chapter 3. Go to page 24 for more information.



Setup Menu

The Setup menu lets you configure the HD Monitor to fit its surroundings and your preferences. To access the *Setup* menu, press MENU on the remote, and then select *Setup* from the main menu.

Preferences

Language Allows you select your preferred language for the menus: *English*, *Español* or *Français*.

Maximum TV volume Allows you to set how high volume turns up when you press the VOL+ button. Highlight *Maximum volume*, then press and hold OK to hear the maximum volume. Make sure the volume has not been muted or turned down all the way.

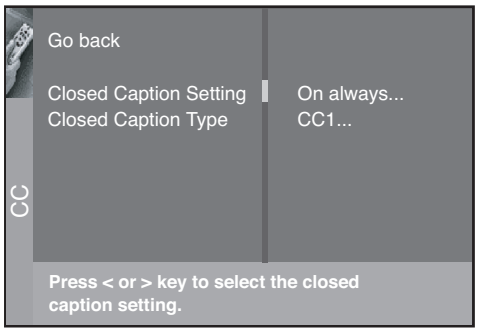
Curtain effect Reveals the picture by "opening" it from the middle of the screen when the HD Monitor is switched on. Hides the picture by "closing" it from the sides when the HD Monitor is switched off.

Special features The *Auto on* setting switches your HD Monitor on after a power outage; *Auto channel* tunes the HD Monitor to the channel you specify as the *Initial channel* when *Auto on* is enabled; *Auto volume* tunes the HD Monitor to the volume you set in *Initial volume* when *Auto on* is enabled.

Short-term vs. Long-term Power Outages

The Auto channel and Auto volume settings don't take effect after short-term power outages (usually less than two to three minutes). The HD Monitor will turn back on at the same volume and channel as before the power outage.

The Auto channel and Auto volume settings take effect after power outages of several minutes or more.



Closed Caption Many programs are encoded with closed-captioning information, which lets you display the audio portion of a program as text on the HD Monitor's screen. Closed captioning is not available on all channels at all times—only for specific programs encoded with closed-captioning information. When a program is closed captioned, *CC* is displayed in the channel banner (see Chapter 3 for more information about the channel banner).

The closed caption options are:

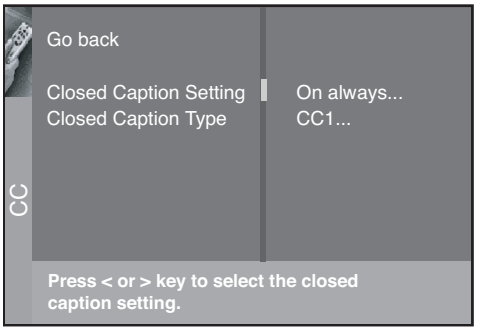
Closed Caption Setting Lets you choose the way both analog and digital closed captioning information appears on the screen. The *Closed caption setting* does not effect the DVI-HDTV input.

Off No captioning information displayed.

On always Captioning information shown always, when available.

On when mute Displays captioning information, when available, whenever the HD Monitor's sound is muted by pressing the MUTE button. The captioning information is not displayed when the sound is not muted.

Continues on next page...



Closed-Caption Type Lets you choose your preferred type of analog closed captions.

CC1 and *Text 1* are the primary caption and text services. The captioning or text is displayed in the same language as the program's dialog.

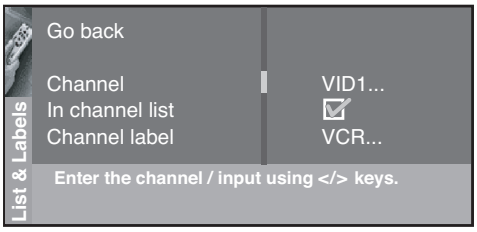
CC3 and *Text 3* serve as the preferred data channels. The captioning or text is often a secondary language translation, simplified English, or displayed at a slower rate.

CC2 and *CC4* and *Text 2* and *Text 4* are rarely available and broadcasters use them only in special conditions, such as when *CC1* and *CC3* are not available, or Text1 and Text3 are not available.

Notes: *The* CC *options display information at any position on the screen. These options overlay the text on top of the picture as it is received.*

The Text *options display information at one particular position (such as the bottom third) of the screen. You cannot see the picture underneath the text.*

Autotuning Displays a choice list that lets you set up the HD Monitor to automatically tune to the correct input channel when you press a device button (VCR, DVD, AUX/HD or SAT/CABLE) on the remote. Go to Chapter 3 for details about the Autotuning feature.



List and labels Lets you edit your input channel list and choose or create a personal six-character label for each input channel.

The list and label options are:

Channel Press the left or right arrow button to scroll through the input channels and choose the one you want to edit. Press the down arrow to highlight the *In channel list* or *Channel Label* option for that input.

In channel list Press the left or right arrow button to add (the box is checked) or remove (the box is unchecked) the input from the list.

Channel Label Press the left or right arrow button to scroll through the available list of 25 most common labels.

The last option in the list of common labels allows you to create your own six-character label for the input (the first letter of the label is highlighted). Press the 1 or 2 number button to change the first letter of the label. Press the right arrow to highlight the second letter, then press the 1 or 2 number button to change the second letter, and so on.

Convergence The *Auto convergence* feature automatically adjusts the HD Monitor's tubes (this may take several minutes, after which you can make fine adjustments to the convergence settings); *Red convergence* displays the Red convergence screen, allowing you to use the arrow buttons to align the red and green images; *Blue convergence* displays the Blue convergence screen, allowing you to use the arrow buttons to align the blue and green images.

Chapter 5: Other Information

Chapter Overview:

- Troubleshooting
- Care and Cleaning
- FCC Information
- Limited Warranty
- Accessory Information

rca.com

Troubleshooting

Most problems you encounter with your HD Monitor can be corrected by consulting the following troubleshooting list.

Note for U.S. customers: *If you prefer, we can provide you with the name of an Authorized Service Representative who will visit your home for a fee to install your electronic entertainment system and to instruct you in its operation. For details about this service, call 1-888-206-3359.*

HD Monitor Problems

HD Monitor won't turn on

- Press the TV button.
- Make sure the HD Monitor is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Something might be wrong with your remote control. Press the POWER button on the front of the HD Monitor. If the HD Monitor turns on, check the remote control solutions on the next page.
- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Front Panel Block* in the *Parental Control* menu and press OK to uncheck the box.
- The HD Monitor might be performing a periodic diagnostic check. Wait for a few minutes for the HD Monitor to turn on.

Buttons don't work

- If you're using the remote control, press the TV button first to make sure the remote is in TV mode.
- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Front Panel Block* in the *Parental Control* menu and press OK to uncheck the box.
- Unplug the HD Monitor for ten minutes and then plug it back in. Turn the HD Monitor on and try again.

HD Monitor turns off unexpectedly

- Sleep timer may have been activated. Go to page 36 for instructions.
- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high or low.
- Unplug the HD Monitor. Wait ten minutes. Then, plug the HD Monitor in again.

HD Monitor turns on unexpectedly

- Wake up timer might have been activated. Go to page 36 for instructions.
- Auto on might have been activated. Go to page 37 for instructions.
- You might have pressed CH+, CH- or INPUT on the remote accidentally.

Blank screen

- If you're trying to watch something that's playing on a device connected to the HD Monitor (like a DVD or a VCR tape), press the TV button on the remote, then press INPUT until you get to the correct video input channel.
- If you're trying to watch a device (like your DVD player or VCR), make sure the device connected to the HD Monitor is turned on.
- If you're trying to watch a device (like your DVD player or VCR), make sure the device is connected correctly.

No sound, picture okay

- Maybe the sound is muted. Try pressing the volume up button to restore sound.
- If using S-Video or Y P_B P_R, remember to also connect the device's left and right audio output jacks to the HD Monitor's L and R Audio Input jacks.
- The sound settings may not be set correctly. Go to page 32 for more information.

Sound okay, picture poor

- Make sure all of the cables are firmly connected to the jacks.
- Try adjusting sharpness function to improve weak signals. Go to page 35 for more instructions.

Volume buttons not adjusting volume louder

- Check to make sure volume isn't limited by the maximum volume feature. Go to page 37 for more instructions.

Picture not moving

- You have activated the Freeze feature by pressing FREEZE or OK on the remote. Press any button to "unfreeze" the picture.

Black box appears on the screen

- Closed-captioning might be on. Check *Closed Caption* in the *Setup* menu. Go to page 37 for more instructions.

Freeze not working

- The freeze feature is not available for Component video (CMP1) or DVI inputs.

Low battery warning appears on screen

- Place new batteries in remote.

HD Monitor picture keeps switching between screen formats abruptly

- Switch the *Auto format* feature to *Off*. See page 34 for more information.

The Remote Control Doesn't Work

- Something might be between the remote and the remote sensor on the device. Make sure there is a clear path.
- Maybe the remote isn't aimed directly at the device (HD Monitor or VCR) that you're trying to operate.
- Maybe remote is not in TV Mode. Press the TV button so remote will control HD Monitor.
- Maybe batteries in remote are weak, dead, or installed incorrectly. Put new batteries in the remote. (Note, if you remove the batteries, you may have to reprogram the remote to operate other devices.)
- You might need to drain the remote's microprocessor: remove batteries and press the number 1 button for at least 60 seconds. Release the 1 button, replace the batteries, and (if necessary) program the remote again.

Problems with V-Chip/Parental Controls

The rating limits don't work

- You must lock the settings. Go to the *MAIN MENU* (press MENU on your remote), select *Parental Control*, select *Lock Parental Controls*.

I don't remember my password and I want to unlock the HD Monitor

- If you forget your password, press MENU, then select *Parental Control* (the password entry screen appears). Simultaneously press and hold CH+ and VOL+ on the HD Monitor's front panel for 8 seconds. The Parental control menu appears on the screen, and you can re-enter a password via *Lock Parental Controls*.

The V-Chip won't let me watch a program even though it's not rated as violent.

- Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must set *NR* to *View* separately in order to view movies with an NR rating.

Care and Cleaning

CAUTION: Turn OFF your HD Monitor before cleaning.

You can clean the HD Monitor as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

The HD Monitor's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the HD Monitor.

While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the HD Monitor. Also, never place drinks or vases with water on top of the HD Monitor. This could increase the risk of fire or shock hazard or damage to the HD Monitor.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

RCA HDTV Monitor Limited Warranty

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- One year from date of purchase for labor.
- One year from date of purchase for parts.
- Two years from date of purchase for the picture tube.

The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

Pay an Authorized Service Center the labor charges to repair your unit.
Pay an Authorized Service Center for the new, or at our option, refurbished replacement parts and picture tube required to repair your unit.

How you get service:

- Call 1-877-RCA-HDTV and have your unit's date of purchase and model number ready.
- A representative will troubleshoot your problem over the phone.
- If the representative determines that you should receive service, they will provide you with the name(s) of the Authorized Service Center in your area.
- Contact the Service Center and arrange for home or pick up, repair, and return service, provided that your unit is located within the geographic territory covered by an Authorized Service Center. If not, you must take your unit to the Service Center location at your own expense, or pay for the cost the Service Center may charge to transport your unit to and from your home.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your unit. Any additional information should be obtained from your dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your unit.
- Damage from misuse or neglect.
- Batteries.
- Images burnt onto the screen.
- A unit that has been modified or incorporated into other products.
- A unit purchased or serviced outside the U.S.A.
- Acts of nature, such as but not limited to lightning damage.

Product Registration:

- Please complete the online Product Registration on www.rca.com or complete and mail the Product Registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY TTE TECHNOLOGY INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**

Continues on next page...

- **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. TTE TECHNOLOGY INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

How State Law relates to warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your unit outside the United States:

- This warranty does not apply. Contact your dealer for warranty information.

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.

Accessory Information

There are various accessories available to complement your HD Monitor. Prices are subject to change without notice. All accessories are subject to availability.

A shipping and handling fee will be charged upon ordering, and we are required by law to collect the appropriate sales tax for each individual state, county and locality to which the merchandise is being sent.

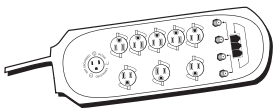
HOW TO ORDER

To place an order by phone, have your Visa, MasterCard or Discover Card ready and call the toll-free number listed below. Use this number only to place an order for accessory items.

1-800-338-0376

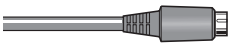
You can buy some accessories on-line at:

www.rca.com.



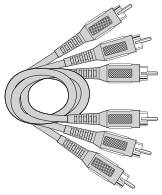
PS83202C2,
price: $34.95

Surge Protector provides eight outlets with 3 adapter spacings; 2100 joules protection; $100,000 connected equipment guarantee.



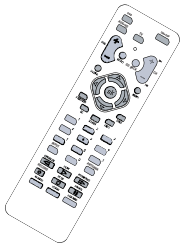
VH976 (6-ft.),
price: $7.95
VH913 (12-ft.),
price: $14.95

S-Video Cable has multi-pin connectors on each end for connecting S-Video devices to your HD Monitor.



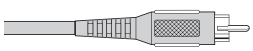
Gold-Tipped cable
DT6DC (6-ft), price: $24.95
DT12DC (12-ft), price: $34.95

Component Video Cables Triple cable used to connect a video source with Y, P_R, P_B jacks to the HD Monitor.



Remote Control This is the remote control that came packed with your HD Monitor. Replacements or spares can be ordered as needed.

264852, price: $10.50



Standard Audio/Video cable with RCA-type phono plugs.

VH83 (6-ft., mono), price: $5.95
VH84 (6-ft., stereo), price: $9.95

A

A/V receiver 10
Accessories 44
Age-based ratings 26
Amplifier 32
Arrow buttons 16
Audio/Video
  cables 6, 44
  jacks 13
Authorized service 7, 40
Autoformat 41
Automatic code search 18
Autotuning 22, 23
Auto convergence 12, 38
Auto on 37
Auto skin tone 34
AUX•HD Button 16

B

Balance 32
Batteries 11
Black level 35
Buttons
  front panel 17
  remote control 16, 17

C

Cables 6, 44
Canadian V-Chip ratings 24, 28
  English system 27
  French system 28
Channel banner 22
Channel Guide menu 36
Channel number 22
CLEAR button 16
Closed captions 22, 37, 38
CMP1 input 13, 23
Codes for the remote 20
Color 35
Color warmth 35
Commercial skip 17, 22
Connections
  chart 7
  things to consider before 6
Content themes 26, 27
Contrast 35
Contrast expand 34
Curtain effect 37

D

Device buttons 16, 17, 19, 22, 38
Direct entry 19, 20
DVD
  button 16, 23
  channel 23
DVI input 14, 23
Dynamic bass 32

E

Exempt programs 29

F

Film mode 34
FREEZE 16, 41
FRNT input 23
Front panel
  block 30
  buttons 10
  jacks 10

G

GO BACK button 16
Graphic equalizer 33
GUIDE button 17, 36

H

HD Monitor problems 40
Headphone settings 33
Hi-Pix Picture Enhancement System 2

I

INFO button 16
Initial setup 12
Inputs 14
  CMP1 23
  DVI 23
  FRNT 23
  VID1 and VID2 23

J

Jacks 13, 23

L

Language 12, 37
Lists and labels 38

M

Maximum TV volume 37
Menu
  button 12, 17
  channel guide 36
  language 12, 37
  parental control 36
  picture 33, 34
  setup 12, 38
  sound 32
  time 36
Modes, remote control 19
Mute 17, 22

O

OK Button 17
Optimized still picture 34

P

Parental control
  lock/unlock 30
  menu 24, 36
  problems 42
Password 42
Picture menu 33
Picture presets 34
POWER on front panel 17
Preferences 37
Programming the remote 19

R

Rating limits 25, 26, 27, 28, 29
  problems 42
Remote control
  batteries 41
  buttons 16
  problems 41
  programming codes 20
  replacement 44
Reverse 3:2 pulldown 2, 34

S

S-Video 13, 23, 44
Safety information 6
SAT/Cable channel 23
Screen format 16, 22, 34, 41
Service, authorized 7
Setup menu 12, 37
Set autotuning channel 23
Sharpness 35
SKIP button 17, 22
Sleep timer 36
Sound
  menu 33
  mode 32
  presets 17, 33
  settings 32
  type 32
Sound logic 32
Stereo 32, 41
Subwoofer 13, 32

T

Time 22, 36
Tint 35
Transport buttons 17
Troubleshooting 41
Turn on HD Monitor 11
TV button 17

U

Universal remote 19
Unrated programs 29
US V-Chip ratings 24, 25, 29

V

V-Chip 24, 25
  Canadian ratings 28
  movie rating limit 29
  problems 42
  US ratings 29
Variable output 13
VCR 23
Video input jacks 23
Video noise reduction 34

W

Wake up timer 36

Y

Y Pb Pr jacks 13

Visit the RCA website at www.rca.com

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

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